38788

DATA FORM
ROUTINE ONSITE DETERMINATION METHOD[1]

Field Investigator(s): C. R. Harman, D.W.S. Date: 4/18/96
Project/Site: 321 Non-Airport Rd State: NJ County: Burlington
Applicant/Owner: PAL Industrial Plant Community #/Name: Data Pt 20
Note: If a more detailed site description is necessary, use the back of data form or a field notebook.

Do normal environmental conditions exist at the plant community?
Yes ✓ No ____ (If no, explain on back)
Has the vegetation, soils, and/or hydrology been significantly disturbed?
Yes ____ No ✓ (If yes, explain on back)

VEGETATION

Dominant Plant Species	Indicator Status	Stratum	Dominant Plant Species	Indicator Status	Stratum
1. Acer rubrum	FAC	Canopy	11.		
2. Liquidambar styraciflua	FAC	Canopy	12.		
3. Quercus palustris	FAC	Canopy	13.		
4. Betula nigra	FAC	Canopy	14.		
5. Vaccinium corymbosum	FACW	Shrub	15.		
6. Lonicera morrowii	NI	Shrub	16.		
7.			17.		
8.			18.		
9.			19.		
10.			20.		

Percent of dominant species that are OBL, FACW, and/or FAC 83%
Is the hydrophytic vegetation criterion met? Yes ✓ No ____
Rationale: > 50% FAC - meets

SOILS

Series/phase: WmA Subgroup:[2] Aquic Hapludults
Is the soil on the hydric soils list? Yes ____ No ✓* Undetermined ____
Is the soil a Histosol? Yes ____ No ✓ Histic epipedon present? Yes ____ No ✓
Is the soil: Mottled? Yes ✓ No ____ Gleyed? Yes ____ No ✓
Matrix Color: 2.5 Y 4/1 Mottle Colors: 10 YR 5/8
Other hydric soil indicators: Oxidized rhizospheres
Is the hydric soil criterion met? Yes ✓ No ____
Rationale: * Kalmia latifolia

HYDROLOGY

Is the ground surface inundated? Yes ____ No ✓ Surface water depth: —
Is the soil saturated? Yes ✓ No ____
Depth to free-standing water in pit/soil probe hole: 8"
List other field evidence of surface inundation or soil saturation: Surface staining, drift lines
Is the wetland hydrology criterion met? Yes ✓ No ____
Rationale:

JURISDICTIONAL DETERMINATION AND RATIONALE

Is the plant community a wetland? Yes ✓ No ____
Rationale for jurisdictional decision:

[1] This data form can be used for the Hydric Soil Assessment Procedure and the Plant Community Assessment Procedure.
[2] Classification according to "Soil Taxonomy."

302966

Baker

Baker Environmental, Inc.
Airport Office Park, Building 3
420 Rouser Road
Coraopolis, Pennsylvania 15108

(412) 269-6000
FAX (412) 269-2002

January 10, 1996

Mr. John Osolin
U.S. Environmental Protection Agency
Emergency Response Division
290 Broadway, 19th Floor
New York, NY 10007-1866

RE: Off-Site Water Well Survey
Pulverizing Services Site
Moorestown, New Jersey

Dear Mr. Osolin:

On behalf of PPG Industries, Inc.(PPG), Baker Environmental, Inc. (Baker) has prepared this correspondence to document the results of an off-site water well survey performed at the Pulverizing Services site in Moorestown, New Jersey. The survey was conducted to satisfy a requirement of the Administrative Order of Consent for this site dated March 28, 1996. Section 28.a.i. of the Administrative Order of Consent requires that a Phase II Site Operations Plan provide for the following:

Literature search of groundwater data which has been collected at any public wells within a one (1) mile radius of the Site, and private wells within one-quarter (1/4) mile of the Site within the last ten (10) years and review such data to determine if any hazardous substances and pollutants or contaminants are present which may be traceable to the site.

The well survey was conducted as per Task II of the Supplemental Phase II Site Investigation Work Plan, dated April 8, 1996 by McLaren/Hart of Wexford, Pennsylvania (McLaren/Hart). As part of the survey, the Billing and Utility Departments of the Township of Moorestown (Moorestown) and the New Jersey Department of Environmental Protection (NJDEP), Bureau of Water Allocation were contacted with requests for information regarding the possible existence of private wells in the vicinity of the Pulverizing Services site. The NJDEP provided Drillers Well Installation Records and Production Well Records of 25 production wells located within one mile of the site. When contacted by telephone, Ken Jolley, Utilities Director for Moorestown indicated that no private water supply wells existed to his knowledge near the site. The Moorestown Billing Department, however, provided a list of over 260 businesses and residences located within 1/2 mile of the site that are apparently not billed for public water. The implication of this list is that these businesses or residents, if not billed for public water, could be obtaining water from private wells. McLaren/Hart combined the well information provided by the NJDEP and Moorestown to make a single comprehensive list (see Attachment A). Baker Environmental, Inc. (Baker) further reduced this list to 138 entries by using available tax maps to locate those business and residents from the McLaren/Hart list located within 1/4 mile of the site (see Attachment B).

It was apparent that the records provided by both the NJDEP and Moorestown conflicted with discussions with the Ken Jolley, the Moorestown Utilities Director. On November 11, 1996 representatives of PPG (i.e., Baker) and EPA conducted several random interviews of residents whose homes were located within 1/4 mile of the Pulverizing Services site and were contained on the revised comprehensive list compiled by Baker. Specifically,

the residential area along Andrews and Grand Avenues located immediately west of the site was targeted. In each case, the persons interviewed indicated that they obtained their water from the Moorestown public system and that they knew of no local residents with private wells even though many of their neighbors were contained on the Baker list.

As a follow-up to these random interviews, Baker and EPA visited Ken Jolley at his office in Moorestown. After reviewing the McLaren/Hart list and the marked up tax maps prepared by Baker, Mr. Jolley reiterated his contention that no public or private wells were present near the site. At least two of Mr. Jolley's colleagues were in agreement. As a check, Mr. Jolley and a Township secretary randomly selected several businesses and residences from the 138 identified by Baker and verified Mr. Jolley's contention that all were customers of the Moorestown public water system. Mr. Jolley further illustrated his point by directing Baker and EPA to review a drawing entitled Water System Map, dated July 6, 1996, by Pennoni Associates of Haddon Heights, New Jersey (see Attachment C). This map clearly indicates that the entire area surrounding the site is served by the Moorestown public water system.

In conclusion, the information obtained to date indicates that no public water supply wells are located within one mile of the site and no private water supply wells are located within 1/4 mile of the site.

If you have any questions or comments regarding this correspondence, please feel free to contact me at (412) 269-2063.

Sincerely,

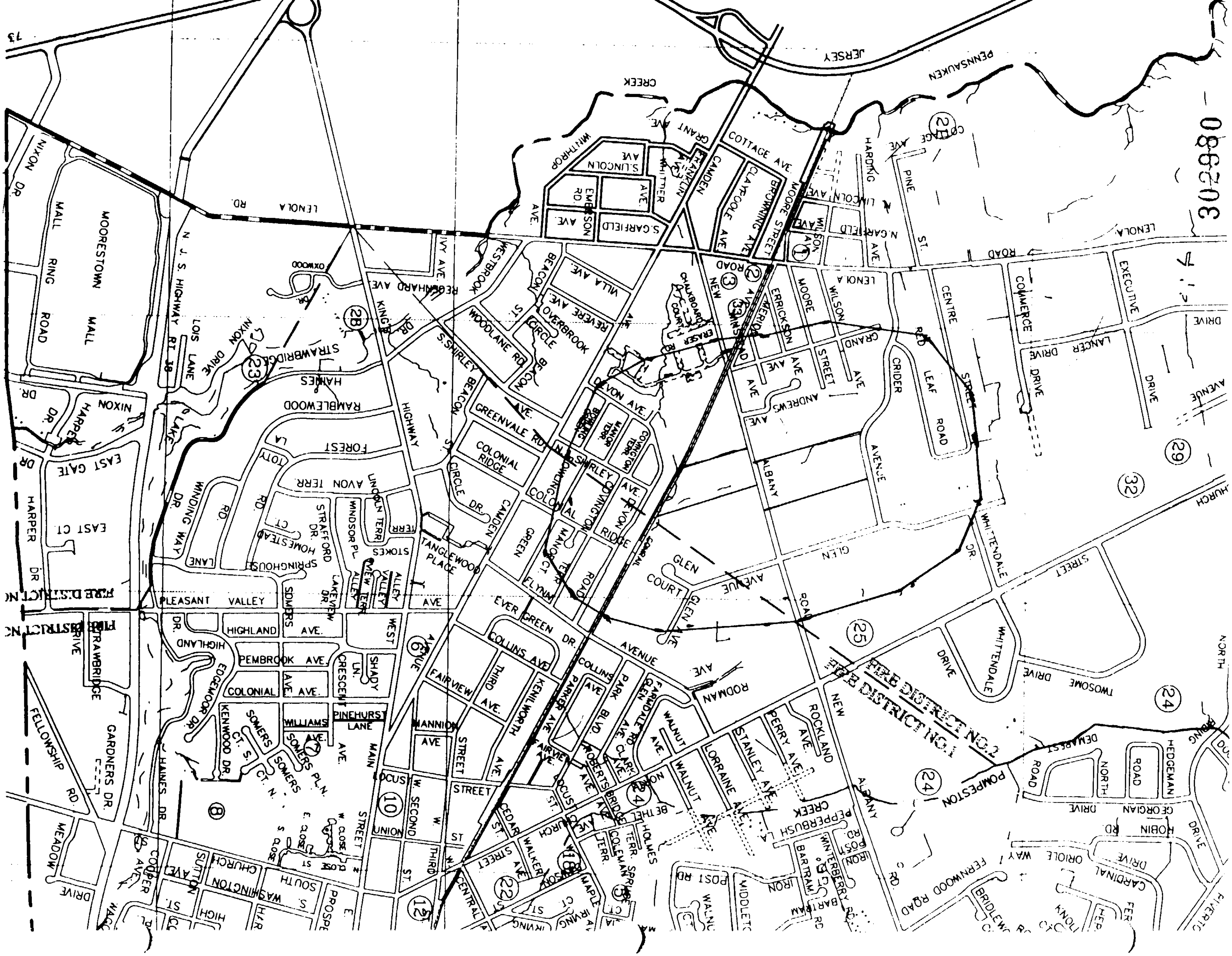
BAKER ENVIRONMENTAL, INC.

Daniel L. Bonk

Daniel L. Bonk, P.E.

DLB/lq
Attachments

cc: Mr. Tom Ebbert, PPG



FIRE DISTRICT NO. 2
FIRE DISTRICT NO. 1
PENNSAUKEN
CREEK
JERSEY
LENOLA RD.
LENOLA ROAD
MOORESTOWN MALL
MALL RING ROAD
NIXON DR
N. J. S. HIGHWAY RT 38
LOIS LANE
NIXON DRIVE
STRAWBRIDGE
HARPER DR.
NIXON
EAST GATE
EAST CT
HARPER DR
LAKE DR.
WINDING WAY DR.
RAMBLEWOOD
HAINES
FOREST LA
TOTY
AVON TERR.
HOMESTEAD CT
STRAFFORD DR.
WINDSOR PL
LINCOLN TERR
SPRINGHOUSE LANE
PLEASANT VALLEY AVE
HIGHLAND AVE.
HIGHLAND DR.
PEMBROOK AVE.
COLONIAL AVE.
EDGEMOOR DR.
KENWOOD DR.
SOMERS CT. S.
SOMERS CT. N.
SOMERS PL. N.
WILLIAMS AVE.
PINEHURST LANE
CRESCENT AVE.
SHADY LN.
WEST AVENUE
MAIN STREET
STOKES
TANGLEWOOD PLACE
LAKEVIEW DR.
VALLEY
KINGS HIGHWAY
REGENHARD AVE
IVY AVE.
WESTBROOK
WOODLANE RD.
S. SHIRLEY AVE.
BEACON ST.
BEACON CIRCLE
OVERBROOK
REVERE AVE.
VILLA AVE.
GREENVALE RD.
COLONIAL RIDGE
CIRCLE DR.
CAMDEN AVE
COLONIAL
MANOR CT.
MANOR TERR
COVINGTON TERR.
DEVON AVE.
SHIRLEY AVE.
AVON RIDGE
FLYNN
EVER GREEN DR.
COLLINS AVE
FAIRVIEW AVE
THIRD AVE.
KENILWORTH AVE.
PARKER AVE
PARK BLVD.
GLEN AVE.
CLARK AVE.
FARMDALE RD
WALNUT AVE.
MANNION AVE
STREET
LOCUST ST.
W. SECOND ST
UNION
W. THIRD ST.
CENTRAL
CEDAR ST
WALKER AVE
CHURCH
COLEMAN TERR.
HOLMES TERR.
BETHEL
MAPLE
IRVING
SPRUCE
PEPPERBUSH LA
CREEK
BARTRAM
WINTERBERRY
IRON POST RD.
POST RD
MIDDLETON
NEW ALBANY RD.
POMPESTON
DEMAREST
NORTH ROAD
HEDGEMAN ROAD
GEORGIAN DRIVE
HOBIN RD
ORIOLE WAY
CARDINAL DRIVE
FERNWOOD ROAD
BRIDLEWOOD
TWOSOME DRIVE
WHITTENDALE
WHITTENDALE DR.
RODMAN AVE
AVENUE
GLEN COURT
GLEN AVENUE
ALBANY
ANDREWS AVE
CRIDER AVE
RED LEAF ROAD
CENTRE STREET
COMMERCE DRIVE
LANCER DRIVE
EXECUTIVE DRIVE
GRAND AVE
ERRICKSON AVE
MOORE STREET
WILSON AVE
MERION AVE
CHALKBOARD COURT
ERASER RD.
NEW ROAD
CAMDEN AVE
CLAYPOOLE AVE
BROWNING AVE
MOORE STREET
COTTAGE AVE
FRANKLIN AVE
GRANT AVE
WHITTIER AVE
S. LINCOLN AVE
EMERSON RD.
S. GARFIELD
WINTHROP AVE.
N. GARFIELD AVE.
LINCOLN AVE
HARDING AVE.
PINE ST.
CHURCH
NORTH
PERRY AVE.
ROCKLAND AVE.
STANLEY AVE.
LORRAINE AVE.
FELLOWSHIP RD.
GARDNERS DR.
MEADOW DRIVE
COOPER AVE
SUTTON AVE
WASHINGTON
SOUTH
PROSPECT
HIGH
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2B
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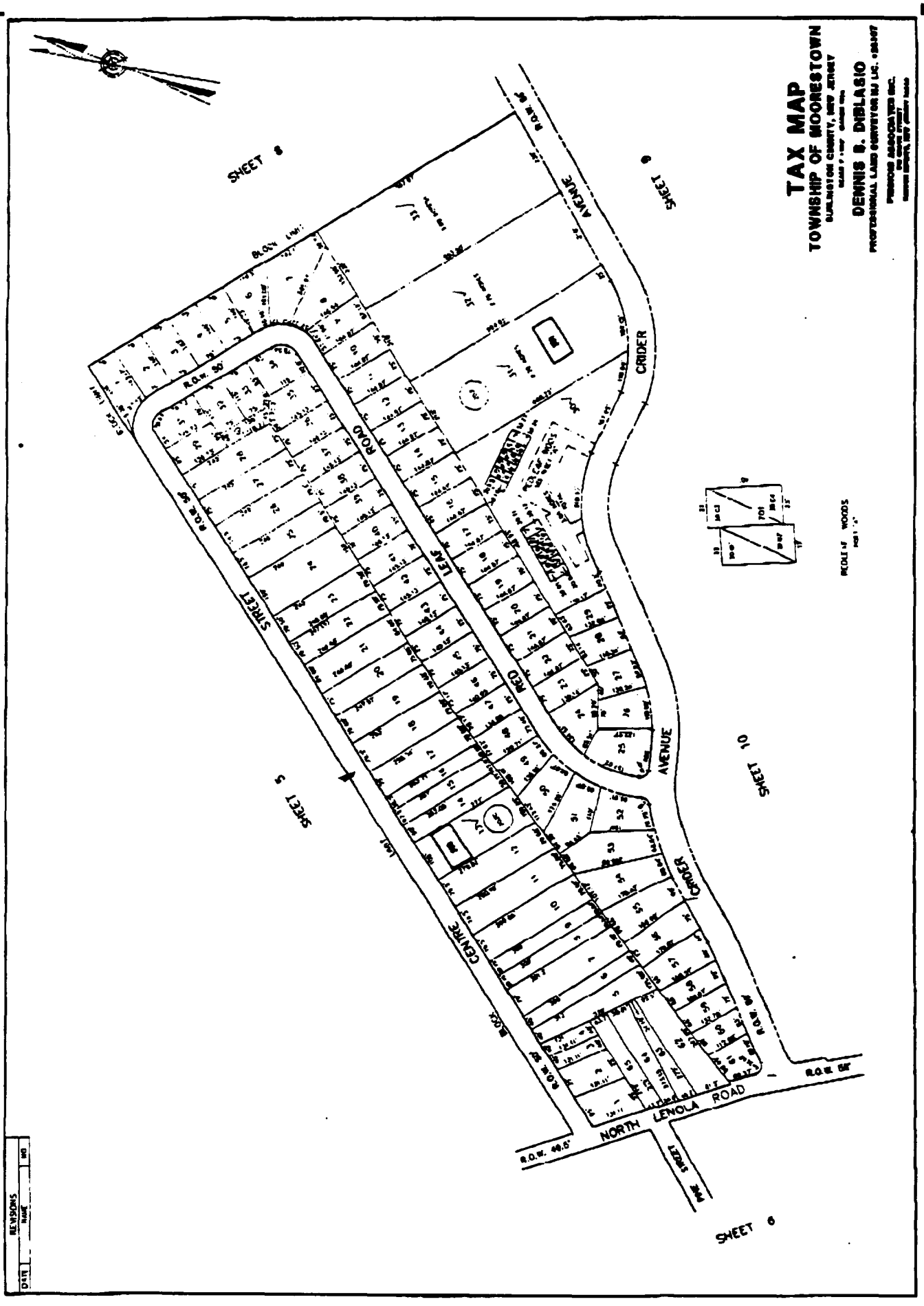
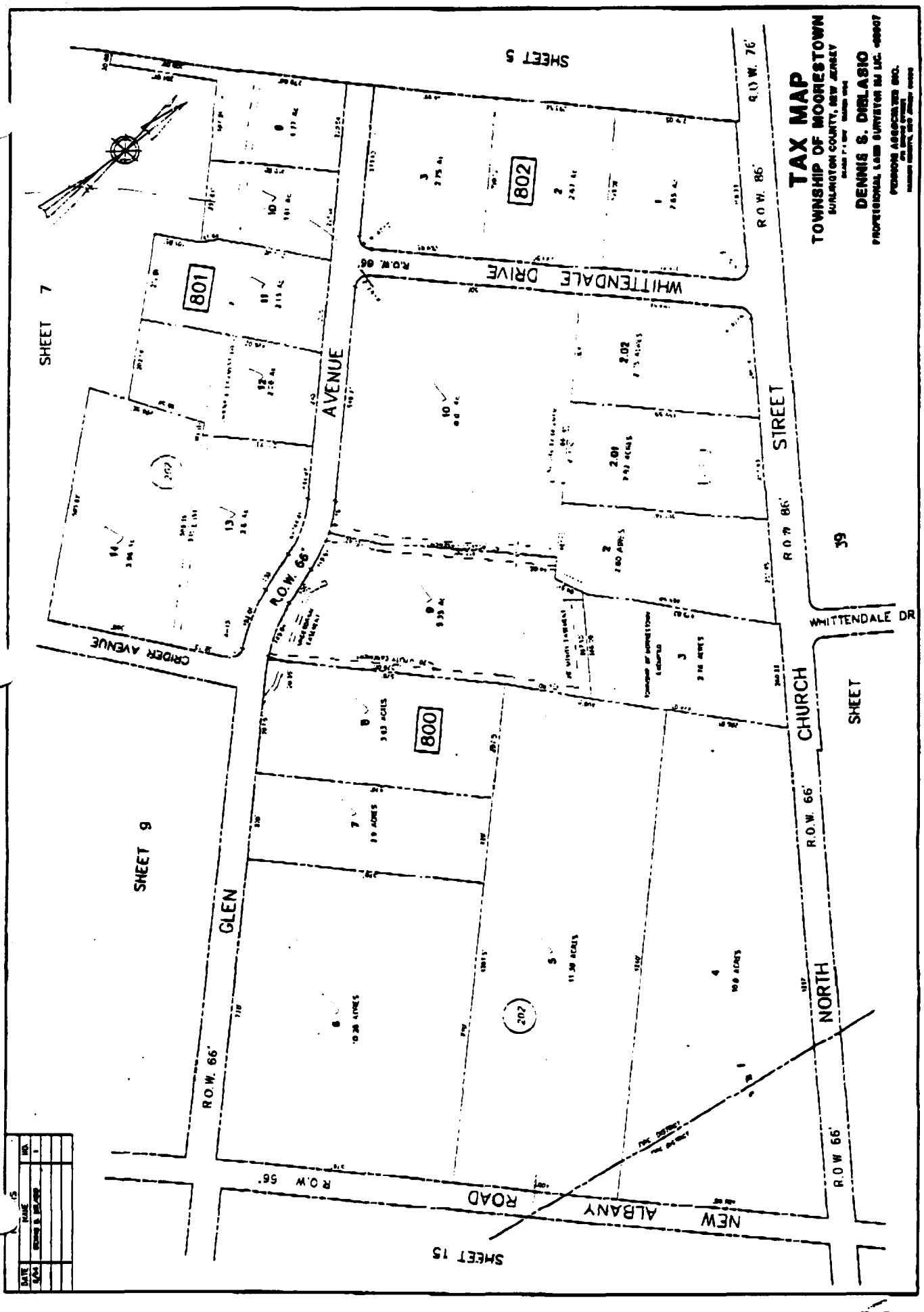
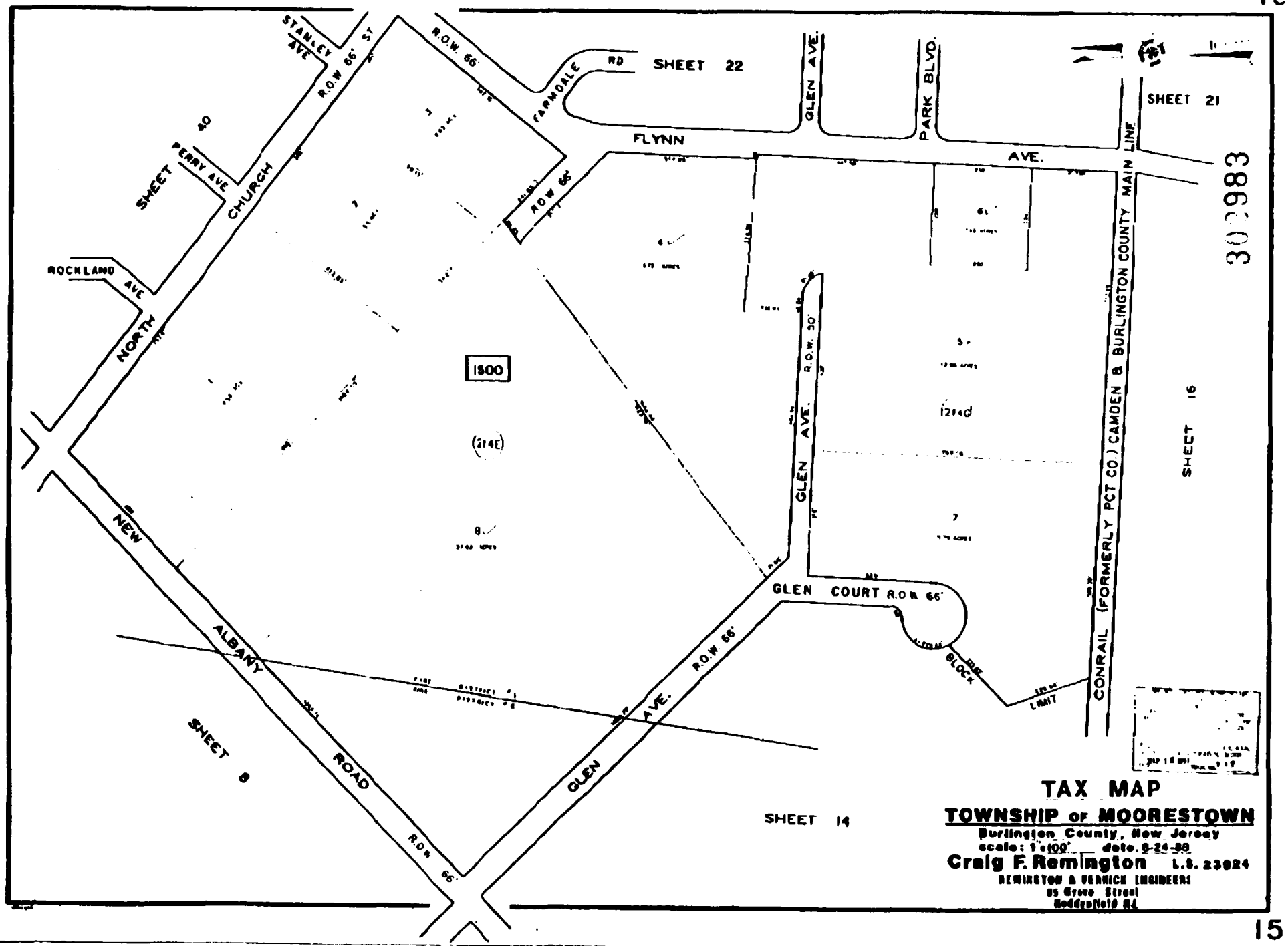

TAX MAP
TOWNSHIP OF MOORESTOWN
DENNIS B. DIBLASIO
SHEET 5
SHEET 6
SHEET 9
SHEET 10
CRIDER AVENUE
LENOLA ROAD
NORTH
CENTRE STREET
LEAF ROAD
REVISIONS
DATE
BY


TAX MAP
TOWNSHIP OF MOORESTOWN
BURLINGTON COUNTY, NEW JERSEY
DENNIS S. DIBLASIO
PROFESSIONAL LAND SURVEYOR NJ LIC. #30907
PERKINS ASSOCIATES INC.
SHEET 5
SHEET 7
SHEET 9
SHEET 15
801
802
800
WHITTENDALE DRIVE
R.O.W. 66'
R.O.W. 76'
R.O.W. 86'
AVENUE
STREET
CRIDER AVENUE
WHITTENDALE DR
CHURCH
GLEN
NORTH
NEW ALBANY ROAD
R.O.W. 66'
R.O.W. 56'
39



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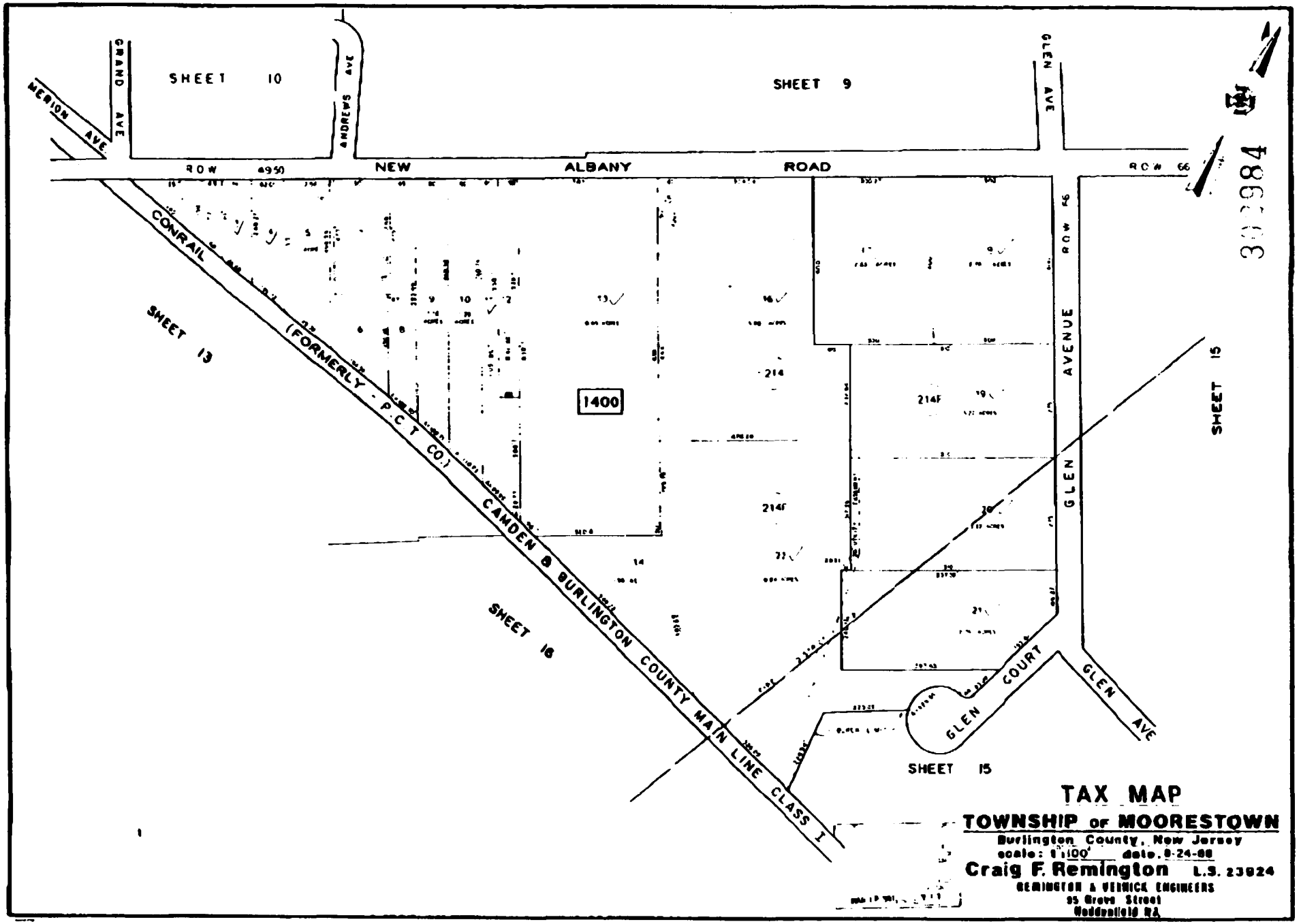

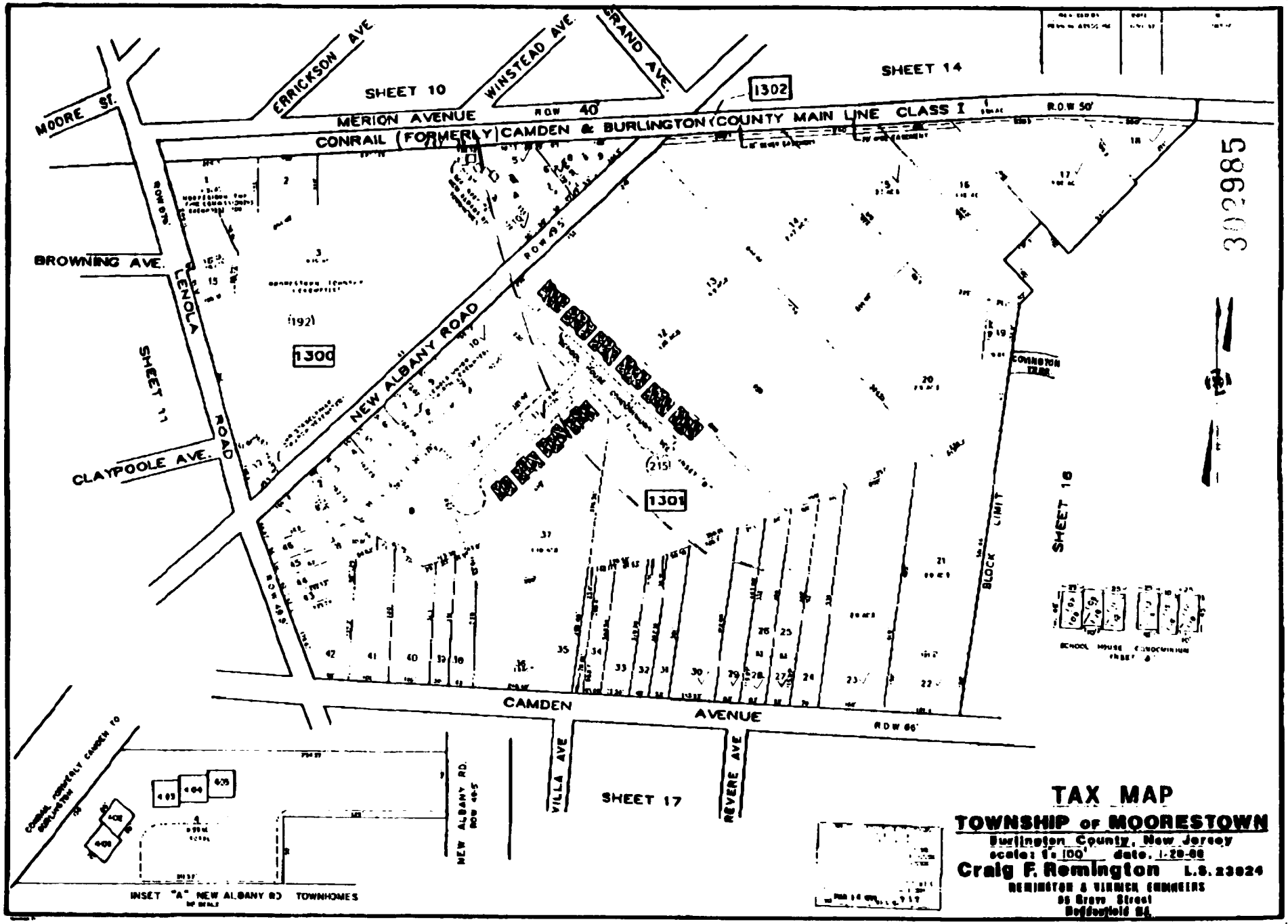

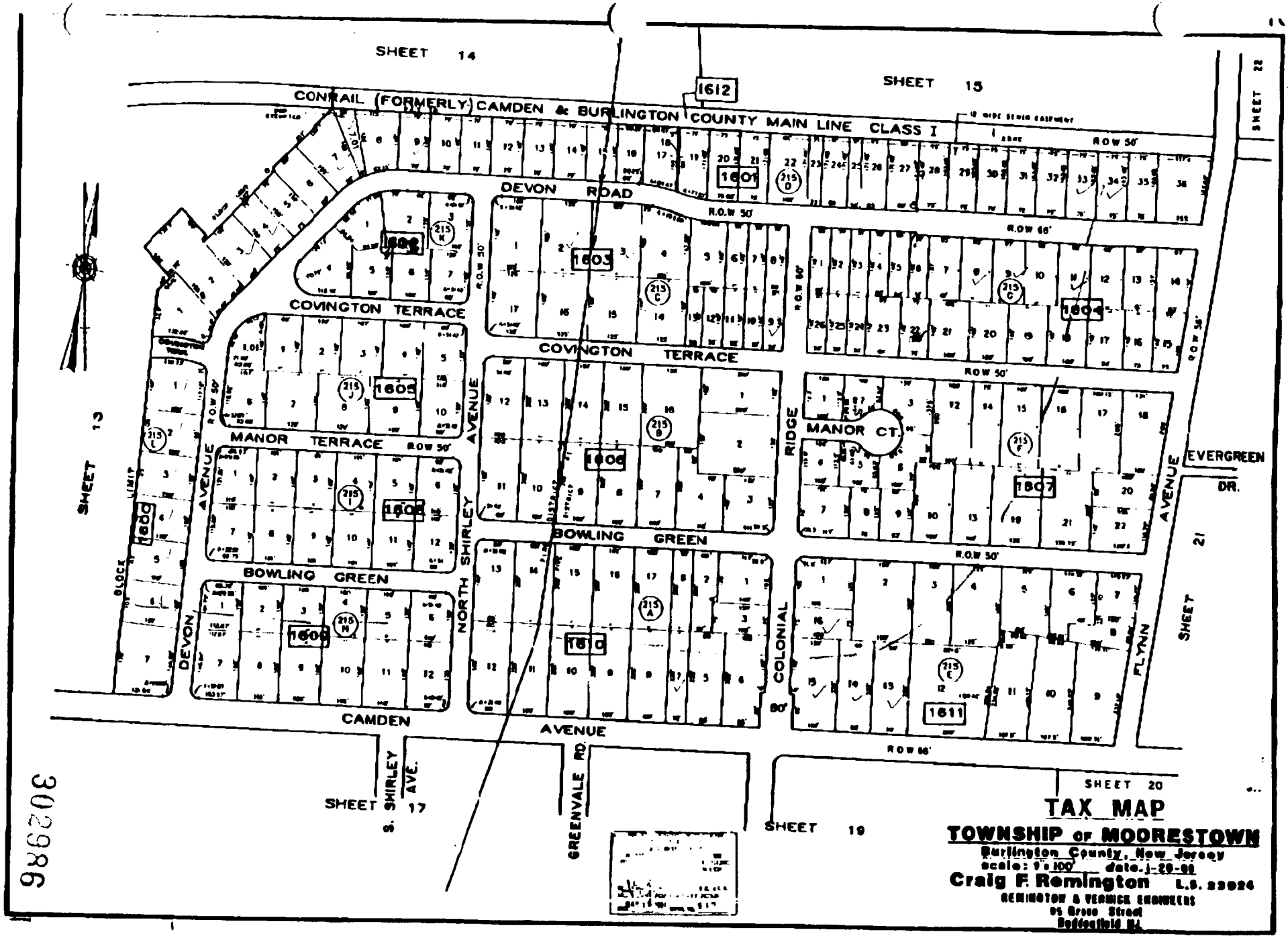

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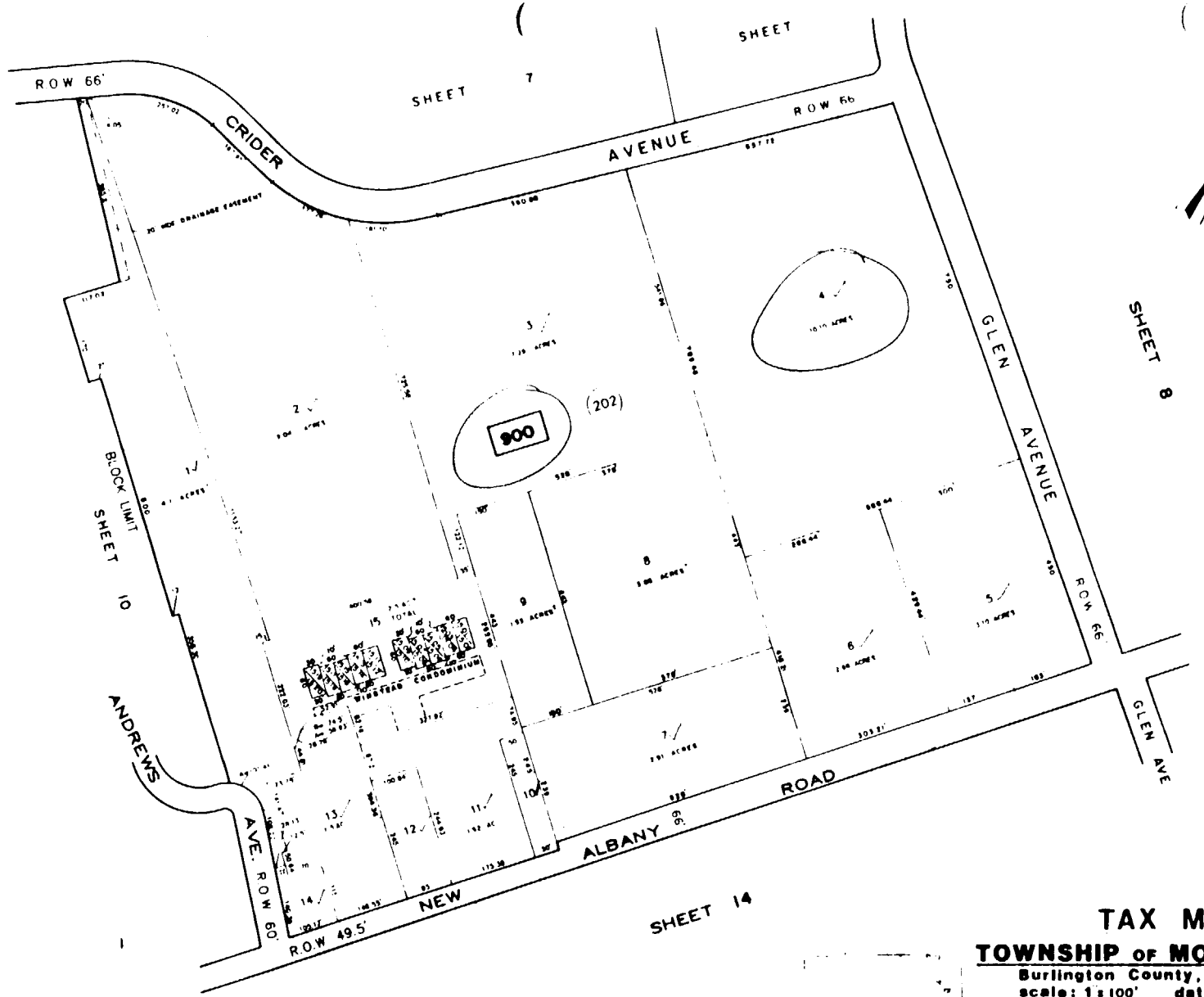

TAX MAP

TOWNSHIP OF MOORESTOWN

Burlington County, New Jersey

scale: 1 : 100' date. 9-29-86

Craig F. Remington L.S. 23924

REMINGTON & VERNICK ENGINEERS

95 Breve Street

Haddonfield N.J.

3029987

ATTACHMENT C

302988

EPA REGION II
SCANNING TRACKING SHEET

DOC ID # 38788

DOC TITLE/SUBJECT:
WATER SYSTEMS MAP

THIS DOCUMENT IS OVERSIZED AND CAN BE LOCATED IN THE ADMINISTRATIVE RECORD FILE AT THE

SUPERFUND RECORDS CENTER
290 BROADWAY, 18TH FLOOR
NEW YORK, NY 10007